		U.S. Detect and		e through 07/31/2006. OMB (
Under the Paperwork Reduction Act of 1995, no persons are requ	U.S. Patent and ne Paperwork Reduction Act of 1995, no persons are required to respond to a collection				Trademark Office; U.S. DEPARTMENT OF COMMERCE of information unless it displays a valid OMB control number			
		ey Docket No.	61683-00002USPT					
UTILITY	First Ir	nventor		Ison Bennett				
PATENT APPLICATION			R ASSEMB	LING PCR FRAGME	NTS			
TRANSMITTAL	Title	OF DNA						
(Only for new nonprovisional applications under 37 CFR 1.53(b))	Evores	lss Mail Label No.	ER771104776US					
	Exproc	100000000000000000000000000000000000000	<u> </u>					
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application cor	MS Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450							
1. X Fee Transmittal Form (e.g., PTO/SB/17)	CD DOM or CD B in displaced large table as							
(Submit an original, and a duplicate for fee processing)	Computer Program (Appendix)							
2. X See 37 CFR 1.27.			d/or Amino Acid Sequence Submission all necessary)					
3. X Specification [Total Pages 14								
(preferred arrangement set forth below) - Descriptive title of the invention								
				R (2 copies); or ii.	Paper			
 Reference to sequence listing, a table, 		c. Stater	nents verifying ide	entity of above copies				
or a computer program listing appendix - Background of the Invention Brid' Suppose of the Invention		ACC	OMPANYING A	PPLICATION PARTS				
 Brief Summary of the Invention Brief Description of the Drawings (if filed) 		9. X Assignm	nent Papers (cove	r sheet & document(s))				
Detailed Description Claim(s) Abstract of the Disclosure	10. 37 CFR 3.73(b) Statement X Power of Attorney							
4. X Drawing(s) (35 U.S.C. 113) [Total Sheets 5	5]	l —	_	ment (if applicable)				
5. Oath or Declaration [Total Sheets 2	2 1		tion Disclosure	Copies of IDS				
a. X Newly executed (original or copy)	Statement (IDS)/PTO-1449							
Constitution (37 CER 4 63/d))	Between Receipt Restaurt (AADED 502)							
b. (for continuation/divisional with Box 18 completed)	(Should be specifically itemized)							
i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s)	15. Certified Copy of Priority Document(s) (if foreign priority is claimed)							
named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).		16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i).						
see 37 CFR 1.03(0)(2) and 1.33(0).	Applicant must attach form PTO/SB/35 or its equivalent. 17. X Other: Certificate of mailing							
6. X Application Data Sheet. See 37 CFR 1.76			Ū					
18. If a CONTINUING APPLICATION, check appropriate box, a	and sunn	ly the requisite inform	nation below and	in the first sentence of the				
specification following the title, or in an Application Data Sheet	under 37	CFR 1.76:						
Continuation Divisional Continuation	-in-part (0	CIP) of prior applic	ation No.:					
Prior application information: Examiner			Art Unit:					
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.								
19. CORRESPONDENCE ADDRESS								
Customer Number:		OR	X Corres	pondence address below	•			
JENKENS & GILCHRIST, A PROFESSIONAL CORPORATION Tamsen Valoir								
5 Houston Center								
1401 McKinney, Suite 2700								
City Houston State	te	TX Zip Code 77010						
Country US Tele	ephone	(713) 951-330	00	Fax (713) 951-3314				
Name (Print/Type) Tamsen Valoir		Registration N	lo. (Attorney/Agen	at) 41,417				
Signature Samson VO	doi	i~	Date	October 31, 2003				

October 31, 2003

FEE TO AMOUNT AT			Compl te if Known					
FEE TRANSMITTAL			Application Number		NI/A			
for EV 2004		Filing Date			Concurrently Herewith			
for FY 2004		First Named Inventor		Inver	0 1111 0 11			
Effective 10/01/2003, Patent fees are subject to annual revision.		Examiner Name			Not Yet Assigned			
X Applicant claims small entity status. See 37 CFR 1.27		Art Unit			N/A			
TOTAL AMOUNT OF PAYMENT (\$) 425.00					o. 61683-00002USPT			
METHOD OF PAYMENT (check all that apply)				E CALCULATION (continued)				
Cradit Money								
X Check Card Order Other None	e 3. ADDITIONAL FEES							
Deposit Account:		- F-414.	Consti	C'malés.				
Deposit Account 10-0447	Fee	e Entity Fee	Fee	Entity Fee				
Number		(\$)	Code	(\$)	Fee Description Fee Paid			
Deposit Jenkens & Gilchrist, a	1051	130	2051	65	Surcharge – late filing fee or oath			
Name Professional Corporation		50	2052	25	Surcharge – late provisional filing fee or cover			
The Director is authorized to: (check all that apply)		130	1053	120	Sheet.			
Charge fee(s) indicated below X Credit any overpayments Charge any additional fee(s) during the pendency of this				130	Non-English specification			
application	1812	2,520	1812		For filing a request for ex parte reexamination			
Charge fee(s) indicated below, except for the filling fee	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action			
to the above-identified deposit account.		1,840*	1805	1,840*	Requesting publication of SIR after Examiner action			
FEE CALCULATION		110	2251	55	Extension for reply within first month			
1. BASIC FILING FEE	1252	420	2252	210	Extension for reply within second month			
Large Entity Small Entity	1253	950	2253	475	Extension for reply within third month			
Fee Fee Fee Fee Fee Fee Description Fee Paid Code (\$) Code (\$)	1254	1,480	2254	740	Extension for reply within fourth month			
1001 770 2001 385 Utility filing fee 385.00	1255	2,010	2255	1,005	Extension for reply within fifth month			
1002 340 2002 170 Design filing fee	1401	330	2401	165	Notice of Appeal			
1003 530 2003 265 Plant filing fee	1402	330	2402	165	Filing a brief in support of an appeal			
1004 770 2004 385 Reissue filing fee	1403	290	2403	145	Request for oral hearing			
1005 160 2005 80 Provisional filing fee	1451 1452	1,510 110	1451 2452	1,510 55	Petition to institute a public use proceeding Petition to revive – unavoidable			
SUBTOTAL (1) (\$) 385.00	1452	1,330	2452	665	Petition to revive - unintentional			
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1501	1,330	2501	665	Utility issue fee (or reissue)			
Extra Fee from	1502	480	2502	240	Design issue fee			
Total Claims 7 -20** = x = 0.00	1503	640	2503	320	Plant issue fee			
Independent 1 3	1460	130	1460	130	Petitions to the Commissioner			
Claims	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)			
Multiple Dependent =	1806	180	1806	180	Submission of Information Disclosure Stmt			
Large Entity Small Entity Fee					Popording each natest assignment and			
Code (\$) Code (\$)	8021	40	8021	40	property (times number of properties) Filing a submission after final rejection			
1202	1809	770	2809	385	(37 CFR 1.129(a))			
1203 290 2203 145 Multiple dependent claims in excess or 3	1810	770	2810	385	For each additional invention to be examined (37CFR 1.129(b))			
1204 86 2204 43 ** Reissue independent claims	1801	770	2801	385				
over original patent	1802	900	1802	900	Request for expedited examination			
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	Other	of a design application						
SUBTOTAL (2) (\$) 0.00	1	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 40.00						
**or number previously paid, if greater; For Reissues, see above				70.00				
SUBMITTED BY					(Complete (if applicable))			
Name (Print/Type) Tamson Valoir	Regis	tration No	D. 41	417	Telephone (713) 951-3381			

	nce is being deposited with the U.S. Postal Service as Express Mail, Airbill No. ER771104776US tent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the
date shown below.	
Detecti October 21, 2002	Signatura: There Trees

CERTIFICATE OF MAILING 37 C.F.R. § 1.10

I, Bryan Lopez, hereby certify that this paper, including all documents enumerated within the Transmittal Letter enclosed herewith, or fee, is being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above and is addressed to the Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this date of October 31, 2003.

Name: Bryan Lopez

Signature: Duyan Jyney

Label Number: ER771104776US

Date of Deposit: October 31, 2003